

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/16706

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B10/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HIDEO ITOH ET AL: "MULTIDIMENSIONAL OPTICAL INTERCONNECTIONS USING BEAM-SCANNING LASER DIODES" ELECTRONICS & COMMUNICATIONS IN JAPAN, PART II - ELECTRONICS, SCRIPTA TECHNICA. NEW YORK, US, vol. 75, no. 11, 1 November 1992 (1992-11-01), pages 32-41, XP000381545 ISSN: 8756-663X	1
A	page 39, left-hand column; figure 11	2-7
A	US 5 357 122 A (OKUBORA AKIHIKO ET AL) 18 October 1994 (1994-10-18) cited in the application abstract	1-7
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

13 May 2004

Date of mailing of the international search report

21/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 191 219 A (LINKE RICHARD A) 2 March 1993 (1993-03-02) cited in the application abstract</p> <p style="text-align: center;">-----</p>	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/16706

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5357122	A	18-10-1994	JP	5067769 A	19-03-1993
			JP	3413839 B2	09-06-2003
			JP	5067770 A	19-03-1993
US 5191219	A	02-03-1993	JP	7005512 A	10-01-1995
			JP	7109466 B	22-11-1995
			JP	1912792 C	09-03-1995
			JP	3129759 A	03-06-1991
			JP	6042527 B	01-06-1994